

JRA - 00-7257-31

Status of CRM Regulations in the Transportation Modes

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Aviation:

CRM training became mandatory in aviation after March 19, 1998, as described in **14 CFR Part 121.404**:

After March 19, 1998, no certificate holder may use a person as a flight crewmember, and after March 19, 1998, no certificate holder may use a person as a flight attendant or aircraft dispatcher unless that person has completed approved crew resource management training (CRM) or dispatcher resource management (DRM) initial training, as applicable, with that certificate holder or with another certificate holder.

Marine:

The 1995 Amendments to the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW) Convention require that the master and deck officers have a thorough understanding of bridge teamwork procedures (i.e., Bridge Resource Management)

Railroad:

The **NTSB** recommended to the **FRA**:

In cooperation with Class I railroads, the ASLRRA, the BLE, and the UTU, develop and require, for all train crewmembers, crew resource management training that addresses, at a minimum:

- Crewmember proficiency
- Situational awareness
- Effective communication and teamwork
- Strategies for appropriately challenging and questioning authority